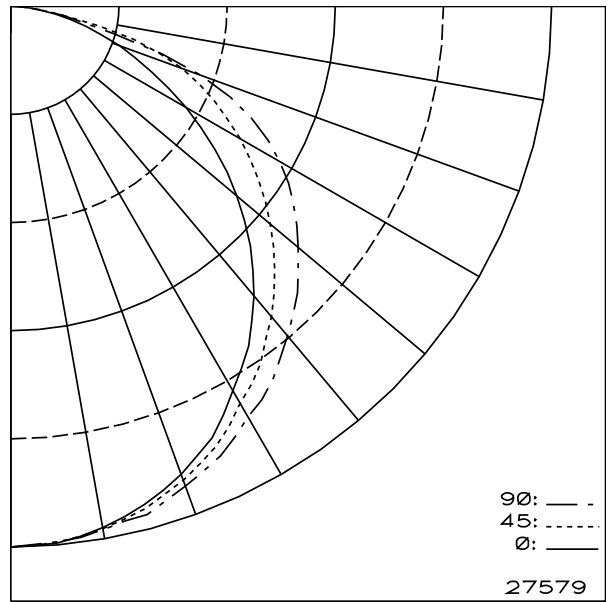


Day-Brite Lighting Photometric Data  
 IES File 27579.IES, printed on 2/22/2010

IESNA:LM-63-2002  
 [TEST] 27579  
 [TESTDATE] 07/16/2008  
 [LUMCAT] 2AVEG214-PMW-EB  
 [LUMINAIRE] 2X2 ARIOSO ESSENCE FULL RECESSED W/  
 PERF  
 [LAMP] F14T5  
 [BALLAST] TRIAD B228PUNV-C  
 [MANUFAC] DayBrite Group\*  
 [TESTLAB] Daybrite Lighting Photometric  
 Laboratory, Tupelo, MS  
 [MORE] NVLAP laboratory code 200016-0  
 [ISSUEDATE] 7/21/2008  
 [\_TEST\_LEVEL]  
 [\_TIFF\_FILE\_NAME]  
 [\_VERSION] fo2ies 3.0d(90)  
 [OTHER] Reflection factor 0.92, Test distance =  
 26 ft.  
 [OTHER] Shielding angle: normal 90, Parallel 90  
 2 lamps, 1200 Lumens/lp, Total fixt. lumens = 1535, Fixt. Eff. = 64.0%  
 Ballast Factor 1.000, Input Watts = 34  
 LER = (Fixt-Eff \* Lp-Lumens \* BF) / Watts = 45.1



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	404	16.8	26.3	0	519	519	519	
(0-40)	665	27.7	43.3	5	517	516	516	28
(0-60)	1197	49.9	78.0	10	508	509	510	48
(0-90)	1535	64.0	100.0	15	495	499	505	71
				20	478	484	490	91
				25	457	466	476	108
				30	426	440	455	121
				35	398	418	438	131
				40	363	389	413	137
				45	325	358	389	138
				50	283	325	360	136
				55	239	290	331	129
				60	194	254	298	118
				65	149	216	255	104
				70	111	175	194	84
				75	75	121	103	55
				80	43	51	50	27
				85	18	17	17	11
				90	4	1	1	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	1237	1362	1480
50	1185	1361	1507
55	1121	1361	1553
60	1044	1367	1604
65	949	1375	1624
70	873	1377	1526
75	780	1258	1071
80	666	790	775
85	556	525	525

Spacing Criteria: 0 plane = 1.2, 45 plane = 1.4, 90 plane = 1.3

These photometric results were obtained in the Day-Brite Lighting (Genlyte/Thomas Group) Laboratory, which is NVLAP-accredited by the National Institute of Standards and Technology. This does not constitute an endorsement of this product by NIST, NVLAP or the US Government.

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	76	76	76	76	74	74	74	74	71	71	71	68	68	68	65	65	65			
1	70	66	64	61	68	65	62	60	62	60	58	60	58	57	57	56	55			
2	63	58	53	50	61	57	52	49	54	51	48	52	49	47	50	48	46			
3	57	51	45	41	56	49	45	41	48	43	40	46	42	39	44	41	38			
4	52	45	39	35	51	44	38	34	42	37	34	41	37	33	39	36	33			
5	48	40	34	30	47	39	34	29	38	33	29	36	32	29	35	31	28			
6	44	36	30	26	43	35	30	26	34	29	25	33	28	25	32	28	25			
7	41	32	27	23	40	32	26	23	31	26	22	30	26	22	29	25	22			
8	38	29	24	20	37	29	24	20	28	23	20	27	23	20	27	23	20			
9	36	27	22	18	35	27	22	18	26	21	18	25	21	18	25	21	18			
10	33	25	20	16	33	25	20	16	24	19	16	23	19	16	23	19	16			

LUMINANCE COEFFICIENTS

WALL COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	29	20	11	4	29	19	11	4	18	11	3	18	10	3	17	10	3			
2	29	19	10	3	28	18	10	3	18	10	3	17	10	3	16	9	3			
3	28	17	9	3	27	17	9	3	16	9	3	16	9	3	15	8	3			
4	27	16	8	2	26	16	8	2	15	8	2	15	8	2	14	8	2			
5	25	15	8	2	25	15	7	2	14	7	2	14	7	2	13	7	2			
6	24	14	7	2	23	14	7	2	13	7	2	13	7	2	12	6	2			
7	23	13	6	2	22	13	6	2	12	6	2	12	6	2	11	6	2			
8	22	12	6	2	21	12	6	2	11	6	2	11	6	2	11	6	2			
9	21	11	5	2	20	11	5	2	11	5	1	10	5	1	10	5	1			
10	20	11	5	1	19	10	5	1	10	5	1	10	5	1	10	5	1			

CEILING COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	12	12	12	12	10	10	10	10	7	7	7	4	4	4	1	1	1			
1	13	12	10	9	11	10	9	7	7	6	5	4	3	3	1	1	1			
2	14	11	8	6	12	9	7	5	6	5	4	4	3	2	1	1	1			
3	15	11	7	5	13	9	6	4	6	4	3	4	3	2	1	1	1			
4	15	10	6	4	13	9	6	3	6	4	2	3	2	1	1	1	0			
5	15	10	6	3	13	8	5	3	6	4	2	3	2	1	1	1	0			
6	15	9	5	2	13	8	5	2	5	3	2	3	2	1	1	1	0			
7	15	9	5	2	12	7	4	2	5	3	1	3	2	1	1	1	0			
8	14	8	4	2	12	7	4	2	5	3	1	3	2	1	1	1	0			
9	14	8	4	2	12	7	4	1	5	3	1	3	1	1	1	0	0			
10	14	8	4	1	12	6	3	1	5	2	1	3	1	1	1	0	0			

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-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	519	519	519	519	519
2.5	518	519	518	517	517
5.0	517	517	516	516	516
7.5	513	513	513	514	514
10.0	508	509	509	510	510
12.5	502	502	504	505	506
15.0	495	497	499	502	505
17.5	487	488	491	495	497
20.0	478	480	484	489	490
22.5	467	469	475	482	483
25.0	457	459	466	473	476
27.5	442	445	454	463	466
30.0	426	430	440	451	455
32.5	412	418	430	439	448
35.0	398	402	418	431	438
37.5	380	387	402	419	425
40.0	363	370	389	406	413
42.5	344	353	374	393	401
45.0	325	335	358	380	389
47.5	304	315	342	365	374
50.0	283	295	325	350	360
52.5	262	275	308	335	346
55.0	239	253	290	319	331
57.5	216	232	272	303	316
60.0	194	212	254	287	298
62.5	171	192	234	269	278
65.0	149	171	216	246	255
67.5	129	151	196	222	228
70.0	111	132	175	193	194
72.5	91	112	149	157	152
75.0	75	93	121	113	103
77.5	58	74	86	71	69
80.0	43	53	51	48	50
82.5	29	33	30	32	32
85.0	18	17	17	18	17
87.5	8	7	7	7	7
90.0	4	2	1	1	1

Photometric Data in IES format

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 [TEST] 27579  
 [TESTDATE] 07/16/2008  
 [LUMCAT] 2AVEG214-PMW-EB  
 [LUMINAIRE] 2X2 ARIOSO ESSENCE FULL RECESSED W/ PERF  
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 [MORE] NVLAP laboratory code 200016-0  
 [ISSUEDATE] 7/21/2008  
 [\_TEST\_LEVEL]  
 [\_TIFF\_FILE\_NAME]  
 [\_VERSION] fo2ies 3.0d(90)  
 [OTHER] Reflection factor 0.92, Test distance = 26 ft.  
 [OTHER] Shielding angle: normal 90, Parallel 90  
 TILT=NONE

2	1200	1	37	5	1	1	2	2	0		
	1	1	34								
	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	
	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	
	50	52.5	55	57.5	60	62.5	65	67.5	70	72.5	
	75	77.5	80	82.5	85	87.5	90				
	0	22.5	45	67.5	90						
519	518	517	513	508	502	495	487	478	467		
457	442	426	412	398	380	363	344	325	304		
283	262	239	216	194	171	149	129	111	91		
75	58	43	29	18	8	4					
519	519	517	513	509	502	497	488	480	469		
459	445	430	418	402	387	370	353	335	315		
295	275	253	232	212	192	171	151	132	112		
93	74	53	33	17	7	2					
519	518	516	513	509	504	499	491	484	475		
466	454	440	430	418	402	389	374	358	342		
325	308	290	272	254	234	216	196	175	149		
121	86	51	30	17	7	1					
519	517	516	514	510	505	502	495	489	482		
473	463	451	439	431	419	406	393	380	365		
350	335	319	303	287	269	246	222	193	157		
113	71	48	32	18	7	1					
519	517	516	514	510	506	505	497	490	483		
476	466	455	448	438	425	413	401	389	374		
360	346	331	316	298	278	255	228	194	152		
103	69	50	32	17	7	1					